

ABSTRACT

[00043] A breast compression device for use with a conventional mammography system is disclosed. The device comprises a paddle support frame which is slidably connected to a conventional mammography system's compression paddle carriage. A mounting arm may be provided for attaching the paddle support frame to the mammography system. The device further comprises a compression surface having a chest wall end and a nipple end. The paddle support frame is located between the x-ray tube and the detector of the mammography system. The compression surface of the device is comprised of three angled segments which conform to the normal contours of the breast.